

# Delta Modeling Section DSM2 Update

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# Non- DSM2 Update

- SCHISM (the model formally known as SELFE)-  
Release, Training, and Applications (Jon, Rueen-  
Fang, Kijin, Eli, Subir, Lianwu)
- Climate Change presentations (Jamie)

# Support for Various Programs

- Annual Report (Min /Ralph) - Should be online soon
- Municipal Water Quality Investigations Program (Hari, Siqing)
- Consumptive Use Analysis (Lan, Bob)

# Support for Various Programs (Cont)

- Drought Studies –
  - Initial Study/Proposed Mitigated Negative Declaration (IS-MND)(Siqing, Bob)
  - G-Model recalibration (Joey, Nicky)
  - DSM2 Recalibration (Ralph, Lianwu, Ines)
    - New bathymetry/Grid
    - New CU
    - Small Use of Pest++

# Develop and Expand Features of Decision Support Tools

- DSM2v8 Development and Maintenance –
  - General Transport Model
    - Code Development - Running Full Delta - (En-Ching , Nicky, Eli)
    - Water Quality Module Development (Hari, Ming-Yen )
    - Sediment Transport Development (Jamie)
    - Mercury Model Development – Reed Harris (Jamie , Myint)
  - Particle Tracking Code Development – Collaboration with NOAA, USGS (Xiao)

# Develop and Expand Features of Decision Support Tools (cont)

- DSM2v8 Development and Maintenance –
  - DSM2 Output Visualization (Siqing)
  - DSM2 bathymetry generator – Tom Heinzer (Ralph) – Contract Finished
  - PEST for DSM2 Calibration – Papadopoulos and Associates – Contract Finished - (Ralph)